

APPENDIX C-1  
APPLICATION OF HARRINGTON ET AL. CLAIMS TO THE  
DISCLOSURE OF HARRINGTON ET AL. APPLICATION 08/941,223

Harrington et al. Claim 271

Harrington et al. Disclosure

A method to activate expression of an endogenous gene in an isolated eukaryotic cell comprising

Abstract  
7:23  
8:9  
24:20-21  
30:3-10, 13-17, 27-28  
31:8  
32:19, 20, 22-25  
Original claim 61

introducing a vector construct into said isolated eukaryotic cell,

Figures 1-4  
Brief Description of the Figures 10:1-11:21  
22:4-12  
32:15-21

said vector construct comprising in operable combination

Figures 1-4  
Brief Description of the Figures 10:1-11:21  
9:24-25  
17:21-18:2  
19:1-21:6  
25:17  
26:9-23

1) a promoter;

10:14-15

2) an exon sequence located 3' from and expressed by said promoter

Figures 1-4  
Brief Description of the Figures 10:1-11:21  
17:21-18:2  
19:1-21:6  
25:17  
26:10-12

said exon being derived from a naturally occurring eukaryotic gene

Figure 1  
25:17 -26:8

and not being a screenable marker gene; and

25:30-26:2  
26:30-27:2  
28:14-16  
28:24-27

3) a splice donor sequence defining the 3' region of said exon	26:2-3
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	27:4-9
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	12:5-21 14:29-15:24 15:28-16:4 27:12-14 Original claim 34
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	27:10-18